

Mariaclaudia Nicolai

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EDUCATION

University of Salerno

M.S. in Pharmacy

Fisciano, Italy

2013–2020

- Thesis: “Identification of a novel antimicrobial peptide activity model by machine learning”

EXPERIENCES

Assistant

Assistant in promoting content at Foodie Lab

Naples, Italy

April 2020

- Managing and promoting the activities on social media
- Daily cooperation with manager, creative presentation of new content, handling customer requests

Research visiting

Student in visiting at Delft University of Technology

Delft, The Netherlands

July 2018–June 2019

- Study of the role of user comments on healthcare Android applications
- Result of the research presented at the international conference in Tallinn, Estonia

Quality inspector

Quality control operator at Bruitparif

Paris, France

July 2015–June 2016

- Bruitparif is a non-profit research organization responsible for monitoring environmental noise in Paris
- Testing of electronic devices with precision digital equipment

INTERNSHIPS

Intern

Intern at Farmacia Dr. Italiano

Benevento, Italy

May 2018–November 2018

- Practice ethical and deontological aspects of the profession of pharmacist
- Managing health products; consumer education of health prevention and the correct use of medicines

PUBLICATIONS

- [1] M. Nicolai, L. Pascarella, F. Palomba, and A. Bacchelli, “Healthcare android apps: A tale of the customers’ perspective”, in *Proceedings of the 3rd ACM SIGSOFT International Workshop on App Market Analytics*, ser. WAMA 2019, Tallinn, Estonia: Association for Computing Machinery, 2019, pp. 33–39, ISBN: 9781450368582.

SCHOLARSHIPS AND AWARDS

- Scholarships and housing services at University Residences

2015–2016

LANGUAGES

- **Italian:** Native speaker
- **English:** Good writing and speaking

COMPUTER SKILLS

Software:

- **MS Office** Write documents, create presentation, create spreadsheet
- **GMDH Shell** Tool for data mining and forecasting of multi-parametric datasets
- **YASARA** Program for molecular visualising, modelling, and dynamics
- **Weka** Collection of machine learning algorithms for data mining tasks
- **Gromacs** Software used in chemistry for dynamic simulations of biomolecules
- **Unix shell** Command-line interpreter of Unix-like operating systems

Languages:

- **Python** PyCharm is the IDE for software development and debugging
- **HTML, JavaScript, CSS** WebStorm is the IDE for software development and debugging
- **LaTeX** TeXstudio and Overleaf are alternative writing editors

OTHER SKILLS

Professional:

- Quantitative and qualitative analysis, laboratory tests, measurements
- Knowledge of GMP standards and stages of the production process
- Communication with customers
- Warehouse management

Technical:

- Use of laboratory instruments: microscopes, spectrometers, chromatography, centrifuges, glassware
- Processing of analytical results, compilation of documents and drafting of reports
- Ability to write executable programs
- Electronic assembly and welding operations and verification test activities